Erkan Ercan

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Summary

Highly skilled **Frontend Engineer** with over **6 years of experience** specializing in web development. Proven ability to deliver scalable and high-performance solutions across diverse industries, including banking, blockchain, and international tech services. Demonstrated success in semi-leading development teams, refactoring legacy applications, and optimizing system performance. Expert in **TypeScript**, **React.js**, and **Node.js**, with a focus on creating responsive, user-friendly applications. Known for meeting tight deadlines and delivering maintainable, high-quality code.

Education

Cumhuriyet University   **Sivas, Turkey**

Bachelor's Degree in Computer Engineering   2015 - 2020

Relevant Coursework: Data Structures, Object-Oriented Programming, Machine Learning, Parallel Programming, Databases, Data Mining

Work Experience

DefineX   **Remote, Turkey**

Senior Frontend Engineer   Jul 2023 - Present
- Developed scalable frontend applications for **Garanti BBVA**, using **JavaScript**, **TypeScript**, **React**, and **Lit** to improve user experience and operational efficiency.
- Led the **refactoring of legacy applications**, reducing code complexity and improving maintainability by implementing **TypeScript** best practices.
- Delivered high-performance solutions under tight deadlines, resulting in faster loading times and improved user interactions.

TokenSuite   **Remote, Turkey**

Mid-Level Full-Stack Engineer   Nov 2021 - Apr 2022
- Developed and maintained an **npm package** for both internal and public use, enhancing code reuse and team productivity.
- Spearheaded the development of **custom front-end components** using **React.js** and **TypeScript**, improving development speed and interface consistency.
- Integrated **web3-react** and **ethers.js** into frontend development, facilitating blockchain interaction for decentralized applications.

Macaron Inc.   **Remote, UK**

Full-Stack Engineer - Contractor   Nov 2021 - Apr 2022
- Developed a **blockchain on-chain API** to improve data retrieval for a statistical analytics project, reducing response times by **30%**.
- Created and maintained **REST APIs** using **Node.js** and **Express**, enhancing accessibility and data management.
- Improved backend system architecture with **Redis** and **TypeScript**, achieving greater scalability and stability.

Fill-Labs   **Remote, Turkey**

Full-Stack Engineer   Oct 2018 - Nov 2021
- Led the development of web applications for international clients, including **Tablecross** and **Turkish Language Society**, ensuring timely delivery and high customer satisfaction.
- Built **REST APIs** using **GoLang** and libraries like **go-chi** and **jwt-go**, ensuring secure and efficient service handling.
- Developed responsive frontend interfaces using **React.js** and **Ant Design**, increasing user engagement and reducing bounce rates.

Skills

Frontend Technologies: JavaScript, TypeScript, React.js, Next.js, Lit

Backend Technologies: GoLang, Node.js, NestJS, Express.js, REST APIs, GraphQL APIs

Databases: MySQL, PostgreSQL, Redis

Other: Figma, Adobe XD, Agile methodologies

Projects

Shift Management for Small Coffee Shops: As a side project, I'm currently developing a shift management app, which will be open source, and uses tech stack: Next.js, Tailwind, tRPC, zod, zustand, TypeScript and PostHog (not live yet)